

Name: \_\_\_\_\_

**pb1103: Factoring when  $a = \text{prime}$  (v27)**

1. Factor the expression  $2x^2 + x - 45$
2. Factor the expression  $11x^2 - 19x + 8$
3. Factor the expression  $2x^2 - 25x + 63$
4. Factor the expression  $11x^2 - 70x + 24$
5. Factor the expression  $2x^2 + 17x + 35$

6. Factor the expression  $3x^2 - 10x - 25$

7. Factor the expression  $5x^2 + 11x - 36$

8. Factor the expression  $5x^2 - 42x + 49$

9. Factor the expression  $5x^2 - 44x - 9$

10. Factor the expression  $2x^2 - 5x - 18$